FORM PTO-1390 (REV. 5-93)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTORNEY'S DOCKET NUMBER

6181/0K439 T0/089641

## TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

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INTERNATIONAL APPLICATION NO. PCT/KR01/01295

INTERNATIONAL FILING DATE July 30, 2001

PRIORITY DATE CLAIMED July 31, 2000

TITLE OF INVENTION

## EXPRESSION VECTOR CODING P972 GENE FOR CANCER THERAPY AND ADENOVIRUS PRODUCING THE SAME

APPLICANT(S) FOR DO/EO/US

Dae-Gun KIM, Won-Kyung CHO, Neon-Cheol JUNG, Young-Rim SEONG, Dojng-Soo IM, Seung-Suh HONG and Hyun-Soo LEE

Applicant herewith submits to the United States Designated/Elected office (DO/EO/US) the following items and other information:

- 1. [X] This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
- This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 2. []
- This is an express request to begin national examination procedures (35 U.S.C. 371 (f)) at any time rather than delay examination until 3. [X] the expiration of the applicable time limit set in 35 U.S. C. 371 (b) and PCT Articles 22 and 39 (1).
- A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 4. []
- A copy of the International Application as filed (35 U.S. C. 371 (c) (2)) 5. IXI
  - a. [] is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. [X] has been transmitted by the International Bureau
  - c. [] is not required, as the application was filed in the United States Receiving Office (RO/US)
- 6. [] A translation of the International Application into English (35 U.S. C. 371 (c)2)).
- 7. [X] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - ્રે. [] are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. [] have been transmitted by the International Bureau.
  - c. [] have not been made; however, the time limit for making such amendments has NOT expired.
  - d. [X] have not been made and will not be made.
- A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c) (3)). 8. []
- An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (Unexecuted) 9. [X]
- A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 10. []

## Items 11. to 16. below concern other document(s) or information included:

- 11. [X] An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- 12. [] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- 13. [X] A FIRST preliminary amendment.
  - A SECOND or SUBSEQUENT preliminary amendment. []
- 14. [] A substitute specification.
- 15. [] A change of power of attorney an/or address letter.
- 16. [] Other items or information:

EXPRESS MAIL CERTIFICATE ~Q3,9141273Us

I hereby certify that, on the date indicated above, this paper or fee was deposited with the U.S. Postal Service & that it was addressed for delivery to the Assistant Commissioner for Patents, Washington, DC 20231 by "Express Mail ost Office to Addressee" service.

B Pec

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<del></del>			TO THE PROPERTY OF	, ar 1111111111	7
U.S. APPLICATION NO. # Known 90 87 9 F.R. 11501 INTERNATIONAL APPLICATION NO.: PCT/KR01/0		ON NO.: PCT/KR01/01295	Attorney's Docket Number 6181/0K439		
17. [x] The following fees	are submitted:			CALCULATIONS	PTO USE ONLY
Basic National Fee (37 CFR 1.492 (a)(1)-(5)): Search Report has been prepared by the EPO [] or JPO [] \$890.00					
International preliminary examination fee paid to USPTO (37 CFR 1.482)					
No international preliminary examination fee paid to USPTO(37 CFR 4.482) but international search fee paid to USPTO (37 CFR 1.445 (a) (2) \$740.00					
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$1,040.00					
International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$100.00					
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$1,040.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than []20 []30 months from the earliest claimed priority date (37 CFR 1.492(e)).					
_	-			\$	
_	-		Rate	\$	
months from the earliest cla	imed priority date (37 CFR 1.	.492(e)).	Rate X \$18.00	\$0.00	
months from the earliest cla	imed priority date (37 CFR 1.  Number Filed	.492(e)).  Number Extra			
months from the earliest cla  Claims  Total Claims	imed priority date (37 CFR 1.  Number Filed  10-20  3-3	.492(e)).  Number Extra  0	X \$18.00	\$0.00	
months from the earliest cla  Claims  Total Claims  Independent Claims	imed priority date (37 CFR 1.  Number Filed  10-20  3-3	.492(e)).  Number Extra  0  0 +280	X \$18.00	\$0.00 \$0.00	
Claims  Total Claims  Independent Claims  Multiple dependent claims(s	imed priority date (37 CFR 1.  Number Filed  10-20  3-3	.492(e)).  Number Extra  0  0 +280	X \$18.00 X \$80.00	\$0.00 \$0.00 \$0.00	
Claims  Total Claims  Independent Claims  Multiple dependent claims(s	imed priority date (37 CFR 1.  Number Filed  10-20  3-3 ) (if applicable)	.492(e)).  Number Extra  0  0 +280	X \$18.00 X \$80.00	\$0.00 \$0.00 \$0.00 \$1,040.00	
Claims  Total Claims  Independent Claims  Multiple dependent claims(s  Reduction by 1/2 for filing b	imed priority date (37 CFR 1.  Number Filed  10-20  3-3 ) (if applicable)	.492(e)).  Number Extra  0  + 280  TOTAL OF	X \$18.00 X \$80.00 ABOVE CALCULATIONS =	\$0.00 \$0.00 \$0.00 \$1,040.00 \$0.00	
Claims  Total Claims  Independent Claims  Multiple dependent claims(s  Reduction by 1/2 for filing b	Number Filed  10-20  3-3 ) (if applicable)  oy small entity, if applicable.  for furnishing the English tran	.492(e)).  Number Extra  0  + 280  TOTAL OF	X \$18.00 X \$80.00 ABOVE CALCULATIONS =	\$0.00 \$0.00 \$0.00 \$1,040.00 \$1,040.00	
Claims  Claims  Total Claims  Independent Claims  Multiple dependent claims(s  Reduction by 1/2 for filing by 1/2 for fi	Number Filed  10-20  3-3 ) (if applicable)  by small entity, if applicable.  for furnishing the English transimed priority date (37 CFR 1.	.492(e)).  Number Extra  0  0  +280  TOTAL OF  aslation later the [] 20 [] 39 .492(f)).	X \$18.00 X \$80.00  ABOVE CALCULATIONS =  SUBTOTAL =  +  TOTAL NATIONAL FEE =	\$0.00 \$0.00 \$0.00 \$1,040.00 \$1,040.00 \$1,040.00	
Claims  Claims  Total Claims  Independent Claims  Multiple dependent claims(s  Reduction by 1/2 for filing by 1/2 for fi	Number Filed  10-20  3-3 ) (if applicable)  for furnishing the English transimed priority date (37 CFR 1.21)  ed assignment (37 CFR 1.21)	.492(e)).  Number Extra  0  0  +280  TOTAL OF  aslation later the [] 20 [] 39 .492(f)).	X \$18.00  X \$80.00  ABOVE CALCULATIONS =  SUBTOTAL =  +  TOTAL NATIONAL FEE =  ccompanied by an	\$0.00 \$0.00 \$0.00 \$1,040.00 \$1,040.00 \$1,040.00	
Claims  Claims  Total Claims  Independent Claims  Multiple dependent claims(s  Reduction by 1/2 for filing by 1/2 for fi	Number Filed  10-20  3-3 ) (if applicable)  for furnishing the English transimed priority date (37 CFR 1.21)  ed assignment (37 CFR 1.21)	.492(e)).  Number Extra  0  0  +280  TOTAL OF  aslation later the [] 20 [] 39 .492(f)).	X \$18.00  X \$80.00  ABOVE CALCULATIONS =  SUBTOTAL =  +  TOTAL NATIONAL FEE =  ccompanied by an  +	\$0.00 \$0.00 \$0.00 \$1,040.00 \$1,040.00 \$1,040.00 \$0.00	\$

- a. [X] A check in the amount of  $\frac{1,040.00}{1}$  to cover the above fees is enclosed.
- b. [] Please charge my Deposit Account No.04-0100 in the amount of \$ to cover the above fees.
- c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-0100. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

S. Peter Ludwig Darby & Darby P.C. 805 Third Avenue New York, New York 10022-7513

SIGNATURE\_

NAME S. Peter Ludwig

REGISTRATION NO 25,351